

# INSTALLATION INSTRUCTIONS

## Models NT-50SS, NT-30SS and PL-45

### NO-TANK with a Constant Pressure Valve

Inspect NO-TANK for damage and proper tank pressure.

**Following are a few simple suggested steps**

1. Determine the operating pressure for the water system  
And make adjustment per chart below.

Constant pressure valve	Tank precharge	Pressure Switch setting	
		FYG1	FYG2
40#	28#	30-56	
50#	38#	40-66	50-70
60#	48#	45-71	50-70

2. Pump is set in the well and wired to pump manufacturers recommendations. **NO-TANK** with constant pressure valve should be placed 5' to 10' below pitless. The tank and valve will be centered in the well casing. We do not recommend setting the top of the pressure tank lower than 10' since this may result in the constant pressure valve being lower than 20' in the well and could cause low water pressure in the home.
3. Install the constant pressure valve in the drop pipe string.
4. Install a pipe nipple between the constant pressure valve and **NO-TANK**.
5. Install **NO-TANK**.
6. Install the 5' to 10' final section of pipe above **NO-TANK** and lower pipe into well so that the **NO-TANK** is positioned properly, continue with the normal installation.
7. Install the pressure switch and other fittings as required. We suggest that SQ-D model FYG2 50 – 70 be used when either a 50# or 60# Constant pressure valve is used. If a 30 – 50 or 40 – 60 model FYG1 is used, then the switch will have to be adjusted as follows: **Adjust the differential setting of the switch to 26 PSI. For a 50# valve, the setting should be 40 – 66. For a 60# valve, the setting should be 45 – 71. (If the switch is a SQ D, tighten the short spring three turns. This should increase the differential about 6 pounds.)**
8. Start System: allow water to run to waste a few minutes to remove trapped air from water lines.
9. Close valve, if pump short cycles, increase pressure switch setting slightly until short cycling stops. (This may be a 2 to 5# increase in pressure before the problem is corrected)  
There is no need to add additional air to **NO-TANK**.
10. Attach information tag to main shut off valve.

